

CDR Wing Package mounting recommendations and Gurney flap info.

A. Gurney info:

- Gurney flap can be 1/2", 5/8", or 3/4" angle. We use .5" x .5", .050" - .063" (1/16") thick aluminum angle.
- Cut it a hair longer than the wing and sand, file or grind to size.
- It should end up a little shorter than the wing, so it doesn't scrape the paint inside of the endplates when adjusting angle.
- If you have an alum wing, it's best to use pop rivets for attaching the Gurney, then you can remove it later by drilling out the rivets.
- For riveting, masking tape the Gurney in place, flush with the back edge of the top wing element, mark and drill 1/8" holes about every foot or so, and install pop rivets.
- For Carbon Fiber mounting, use 3M pressure sensitive foam tape. Be very careful to install straight with helper on the opposite side.



It's less cost for the user to get the alum angle at home depot than for us to ship it, plus the alum gets bent during shipping.

B. Wing Mounting and Set-Up Info:

- Set bottom foil not more than 8-10 deg angle of attack relative to the airflow, to prevent stall.
- Depending on the roofline, this could mean a slight upward angle.
- Assemble with all bolts **very** loose before tightening all fasteners.
- Use 3M foam tape under trunk mounts to protect paint.
- We use a thinner material thickness to reduce weight. Spacers/washers are needed with the 2 sided under- wing and trunk mount brackets. Additional nuts and bolts may be required.
- Set your endplates to be slightly tilted forward, so once the assembly settles, the endplates should be close to vert, but not tilted back.
- Gap between the wings should be approximately .5".
- Set top wing, for dual element set-ups, at max AoA (angle of attack) for AX if needed. For towing or driving set top wing flat, or remove top wing element for longer trips.
- Minimize Sun UV exposure on CF elements.
- If excessive slippage happens at slotted adjustment holes, you can add star washers between parts.
- We recommend painting the endplates satin or matte black, clean with solvent first. Spray can Rustoleum or Krylon will work.
- Loosen all wing endplate bolts when adjusting top wing angle. This will prevent scratching the inside of the endplate paint.
- Apply Ciro Decals to the top of the endplates. :)

Also don't be surprised if you need 50 –100 lbs more rear spring rate from the extra DF!

Thanks!

Rick Jung